

OIB 2017 - Other: 09/19/17 Science Report

Aircraft: Other: Dynamic Aviation B200 T - 17M048

Date: Tuesday, September 19, 2017

Mission: OIB 2017

Mission Location: Kangerlussuaq, Greenland

Mission Summary:

Hello everyone

LVIS just completed a flight to collect data over the three Icesat lines at Summit, also collecting data along various target lines on the way to and from. The forecast at Summit was not ideal and so we decided to repeat the 3 lines there in order to give ourselves a second chance if clouds were passing through. Clouds were indeed passing through, however the laser was able to penetrate through the clouds on both passes ensuring good coverage. Transits between the other target lines and Summit were cloudy (fog) but all over lines were clear. We finished the flight with calibration passes of Kangerlussuaq airport.

Thanks!

Michelle

Images:

Russell glacier, Greenland



[Read more](#)

Submitted by: J. Bryan Blair on 10/05/17

File:

 [Ivis_Summit_plus_9XX.pdf](#)

Related Flight Report:

Other: Dynamic Aviation B200 T 09/19/17

Flight Number: OIBSM17-SciF14

Payload Configuration: OIB-LVISF2017

Nav Data Collected: No

Total Flight Time: 6.6 hours

Submitted by: J. Bryan Blair on 10/04/17

Flight Segments:

From:	BGSF	To:	BGSF
Start:	09/19/17 13:30 Z	Finish:	09/19/17 20:06 Z
Flight Time:	6.6 hours		
Log Number:	17M048	PI:	Nathan Kurtz
Funding Source:	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
Purpose of Flight:	Science		

Flight Hour Summary:

	17M048
Flight Hours Approved in SOFRS	123
Total Used	128.5
Total Remaining	-5.5
17M048 Flight Reports	

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/16/17	OIBSM17-TF01	Check	2.1	2.1	120.9	
08/17/17	OIBSM17-TF02	Check	4	6.1	116.9	
08/19/17	OIBSM17-TF03	Check	2.6	8.7	114.3	
08/21/17	OIBSM17-TF04	Check	2.4	11.1	111.9	
08/21/17	OIBSM17-TF04	Check	1.7	12.8	110.2	
08/22/17	OIBSM17-FF01	Ferry	2.2	15	108	
08/22/17	OIBSM17-FF01	Ferry	3.1	18.1	104.9	
08/23/17	OIBSM17-FF02	Ferry	4	22.1	100.9	
08/24/17	OIBSM17-FF03	Ferry	3.6	25.7	97.3	
08/25/17	OIBSM17-SciF01	Science	5.3	31	92	
08/29/17	OIBSM17-SciF02	Science	7	38	85	
08/30/17	OIBSM17-SciF03	Science	5.5	43.5	79.5	
09/01/17	OIBSM17-SciF04	Science	4	47.5	75.5	
09/02/17	OIBSM17-SciF05	Science	5.6	53.1	69.9	
09/04/17	OIBSM17-SciF06	Science	7.7	60.8	62.2	
09/05/17	OIBSM17-SciF07	Science	7.3	68.1	54.9	
09/06/17	OIBSM17-SciF08	Science	4.2	72.3	50.7	
09/09/17	OIBSM17-SciF09	Science	6.5	78.8	44.2	
09/12/17	OIBSM17-SciF10	Science	5.9	84.7	38.3	
09/12/17	OIBSM17-SciF11	Science	5.1	89.8	33.2	
09/13/17	OIBSM17-SciF12	Science	6	95.8	27.2	
09/18/17	OIBSM17-SciF13	Science	4.4	100.2	22.8	
09/19/17	OIBSM17-SciF14	Science	6.6	106.8	16.2	
09/20/17	OIBSM17-SciF15	Science	6.5	113.3	9.7	
09/21/17	OIBSM17-FF04	Ferry	4.1	117.4	5.6	
09/22/17	OIBSM17-FF05	Ferry	4	121.4	1.6	
09/22/17	OIBSM17-FF05	Ferry	2.1	123.5	-0.5	

09/22/17	OIBSM17- FF05	Ferry	1	124.5	-1.5
10/05/17	OIBSM17- TF05	Check	4	128.5	-5.5

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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